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भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 49] नई विल्ली, शनिवार, दिसम्बर 7, 1991 (अग्रहायण 16, 1913)

No. 49] NEW DELHI, SATURDAY, DECEMBER 7, 1991 (AGRAHAYANA 16, 1913)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकागन के स्पष्ट में रखा जा सके।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 7th December 1991

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

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New Delhi-110 005.

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Telegraphic address "PATENTOFIC".

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5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other document or any fees required by the Patents Act, 1970 or the Patent Rules 1972 will be received only at the appropriate Office of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटैंट कार्यालय

एकस्व तथा अधिकत्व

करकता, दिनांक 7 दिसम्बर 1991

पेटैंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटैंट कार्यालय का प्रधान कार्यालय कलकत्ता से अविभित है तथा बम्बई, दिल्ली एवं मद्रास में हसके शाला कार्यालय हैं, जिनके प्रादर्शनक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटैंट कार्यालय शाला, टोडी इम्पोर्ट
तीसरा तल, लोधर परल (पश्चिम),
बम्बई-400013

गुजरात, पहाड़पुर तथा मध्य प्रदेश गजद
क्षेत्र एवं मध्य पश्चिम क्षेत्र गोआ, दामन तथा
द्वीप एवं दादरा और नगर हवेली।

तार पता—“पेटैंटफिस”

पेटैंट कार्यालय शाला,

एक मं. 401 से 405, तीसरा तल
नगरणीलिका बाजार भवन,
सरावसी भाग, करोल बाग,
नई दिल्ली-110005

हरिगाणा, द्विमात्रल प्रस्तोता, उम्म तथा कल्पीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संस शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—“पेटैंटोफिक”

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE. 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Patents Act 1970.

The 28th October 1991

811/Cal/91 Seon Yung Chung. Hygienic cloth for male baby.

812/Cal/91 Sumitomo Chemical Company Limited. Fiber reactive yellow dye composition.

813/Cal/91 E.I. du pont de nemours and company. Aqueous soluble infrared antihalation dyes.

The 29th October 1991

814/Cal/91 MCNEIL-PPC, Inc. Methods and apparatus for creating a gelatin coating.

815/Cal/91 Mitutoyo Corporation. A reflection type optical encoder.

816/Cal/91 Walter F Albers. Method and apparatus for monochannel simultaneous heat and mass transfer.

817/Cal/91 Stanley Blum. Method and apparatus for removing ink from waste paper material. Convention date 30-10-90, No. 9023564.9, (U.K.); 12-12-90, No. 9027001.8, (U.K.).

The 30th October 1991

818/Cal/91 Koening AG, System for purifying contaminated air.

पेटैंट कार्यालय शाला,

61, बालाजाह रोड,

मद्रास-600002

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडू, राज्य क्षेत्र एवं सब शासित क्षेत्र पाइण्डियरी, लक्ष्मीपुरी, मिनिकाय तथा पृष्ठनिविदी द्वीप।

तार पता—“पेटैंटफिस”

पेटैंट कार्यालय (प्रधान कार्यालय)

निजाम पैलेस, निवारी बहुतलीय कार्यालय

भवन, 5, 6 तथा 7वां तल,

234/4, आचार्य जगदीश बोस रोड,

कलकत्ता-700020

भारत या अलशोर क्षेत्र।

तार पता—“पेटैंट्स”

पेटैंट अधिनियम, 1970 या पेटैंट नियम, 1977 में अपेक्षित सभी आवेदन पत्र, सचिवायें, विवरण या अन्य प्रलेख पेटैंट कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय से नियंत्रक को भगतान योग्य धनादेश अथवा आक आदेश या उन्हों उर्ध्वान्त वार्ताय अनियन्त है; उस स्थान के अन्तर्भूत दौकान से नियंत्रक को उत्तान गोपन तैक उपर अथवा चैक बूकारा की जा सकती है।

819/Cal/91 C.V.G. Siderurgica del orinoco, C.A. Process for the production of liquid steel from iron containing metal oxides.

820/Cal/91 C.V.G. Siderurgica Del Orinoco, C.A. A method and apparatus for the direct reduction of iron.

The 31st October 1991

821/Cal/91 Dell'orto S.p.A., Thermostarter for Carburetor of internal combustion engines.

822/Cal/91 Ashok Baran Guha. Door Lock.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-110005

The 19th August 1991

756/Del/91 General Electric Co., "An improved method of producing articles by chemical vapor deposition and the support mandrels used therein".

757/Del/91 Jacobs Suchard AG, "Process for improving secondary coffee extracts in the production of soluble coffee".

The 20th August 1991

758/Del/91 Esco Corporation, "Excavating tooth point particularly suited for large dragline buckets".

759/Del/91 Honda Giken Kabushiki Kaisha, "A method for displaying a residual electric charge in a battery of an electrically driven vehicle".

760/Del/91 British United Shoe Machinery Ltd., "Automatic sewing machine system". (Convention date 1st September, 90) (UK).

The 21st August 1991

761/Del/91 BP Chemicals Ltd. "Gas phase polymerisation process".

762/Del/91 BP Chemicals Ltd. "Gas phase polymerisation process".

763/Del/91 Rohm & Haas Co., "Process for the preparation of hydroxyamides".

The 22nd August 1991

764/Del/91 Council of Scientific & Industrial Research, "A device for making reinforced polymeric membranes from casting solutions having a wide range of viscosities".

765/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of a novel porous crystalline material vanadium silicate, Vs-2".

766/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of novel crystalline molecular sieves".

767/Del/91 Council of Scientific & Industrial Research, "A process for the preparation of a crystalline gallosilicate catalyst composite material".

768/Del/91 Council of Scientific & Industrial Research, "An improved process for the preparation of alkyl carbamates". [Divisional date 28th March, 89].

769/Del/91 Council of Scientific & Industrial Research, "An improved process for the preparation of arylidene acetomitriles and arylidene heterocycles".

770/Del/91 Council of Scientific & Industrial Research, "A crossed cylinder wear testing machine".

771/Del/91 Suresh Kumar Chawla, "A movable carriage arrangement".

772/Del/91 Indian Council of Medical Research, "A process for preparation of polyacrylic acid".

773/Del/91 Indian Council of Medical Research, "A process for preparation of polyacrylic acid".

774/Del/91 Indian Council of Medical Research, "A process for preparation of polyacrylic acid".

775/Del/91 Indian Council of Medical Research, "A process for preparation of polyacrylic acid".

The 22nd August 1991

776/Del/91 Ash Brothers Measurement and Control (Proprietary) Ltd. 'Prepaid metering device'.

777/Del/91 The B. F. Goodrich Co., "Polyvinyl chloride copolymers having high heat distortion temperatures".

The 23rd August 1991

778/Del/91 Russell D Ide, "Self positioning beam mounted bearing and bearing and shaft assembly including the same".

779/Del/91 Bast Lacke + Farben Aktiengesellschaft, "Liquid radiation-curable coating composition for the coating of glass surfaces".

780/Del/91 M&FC Holding Co. Inc, "A valve stem sealing means for prevention of fugitive emissions".

781/Del/91 Battery Technologies Inc. "Recombination of evolved oxygen in galvanic cells using transfer anode material".

The 27th August 1991

782/Del/91 Solvay & Cie, "Cocatalytic Composition Which Is Usable For The Polymerisation Of Alpha-olefins".

The 28th August 1991

783/Del/91 The Procter & Gamble Company, "Acidic Liquid Detergent Compositions For Bathrooms".

784/Del/91 The Procter & Gamble Company, "Improved Soil Release Agents for Granular Laundry Detergents".

785/Del/91 General Electric Company, "Fluidic Actuator Scraper Seal".

786/Del/91 New Engineering Enterprises & others, "An Arrangement For Determination of In-situ Dynamic Properties Of Soil".

787/Del/91 Racold Appliances LTD, "An Electrical Cooking Appliance".

788/Del/91 New Engineering Enterprises & others "A means Of Balancing A Wheat Stone Bridge in Strain Gauge Measuring Circuits".

789/Del/91 Kameshwar Nath Mallik, "A Process For The Preparation Of Acetylene And to An Acetylene Torch".

790/Del/91 Ganesh Scientific Research Foundation, "A Process For The Preparation Of Soyabean Flakes".

791/Del/91 Ganesh Scientific Research Foundation, "A Process For The Preparation Of A Ready To Eat Soya Based Snack".

792/Del/91 Ganesh Scientific Research Foundation, "A Process For The Preparation Of A Soya Based Snack".

793/Del/91 Austac Gold N.L. "Improved Process For Separating Ilmenite". (Convention date 30th August, 90 & 29th April, 91) (Australia).

794/Del/91 GPI Ltd, "An asynchronous transfer mode switching arrangement providing broadcast transmission". (Convention date 5th September, 90 (U.K.)

795/Del/91 Vsesojuzny Nauchno-Issledovatelsky i Proektny Institut Aluminievoi Magnievoi I Elektrodnoi Promyshlennosti (VAMI), "Method and apparatus for production of metal base composite material".

796/Del/91 Hughes Tool Co., "Earth boring drill bit with improved wear inserts".

The 28th August 1991

797/Del/91 Laboratories Domilens, "Intraocular implant for correction of myopia".

The 29th August 1991

798/Del/91 Bharat Heavy Electricals Ltd., "A device for countersinking holes in tube plate of condensers in steam power plants".

799/Del/91 Fuller Co., "Multi-pass roll crusher".

800/Del/91 M/s Engineers India Ltd., "A packing element and module for use in mass transfer and/or heat transfer columns".

The 30th August 1991

801/Del/91 Allied-Signal Inc, "A method of producing a thermoplastic polymeric composition". [Divisional date 21st April, 1988]

APPLICATIONS FOR PATENTS FILED IN THE PATENT
OFFICE BRANCH AT TODI ESTATES, IIIRD FLOOR,
SUN MILL COMPOUND, LOWER PAREL (W),
BOMBAY-400 013.

PATENT SEALED

164480 165967 166816 166819 167216 167297 167549 167550
167688 167689 167720 167737 167738 167850 167859 167897
168233 168256 168350 168443 168489

Cal—05
Del—07
Mas—08
Bom—01

The 19th August 1991

240/Bom/1991 Dr. Anand Dinakar Karve. Machine for making syrup or jaggery.

The 23rd August 1991

241/Bom/1991 Jagannath Prasad Vishwakarme. Improvement in or related to colar device for cooking.

242/Bom/1991 Noel Christopher Valentine. Improved Improvements in or relating to sleepers for Railways.

The 26th August 1991

243/Bom/1991 Karimbhai Valibhai Mankad & Manubhai Maganbhai Mehta. Improvements in or relating to multiwick stoves.

244/Bom/1991 Director, Indian Instituts of Technology, Powai. Iodine based tablet an dresin for water disinfection.

The 29th August 1991

245/Bom/1991 Hindustan Lever Ltd. Hair Treatment Composition.

246/Bom/1991 Ajay Metachem (Pvt.) Ltd. A process to Manufacture granular Mould Flux for Submerced Nozzle Type Continuous Casting of Steel.

The 30th August 1991

247/Bom/91 Real value applicances Pvt. Ltd., A device for preservation of perishable goods.

248/Bom/91 Hindustan Lever Ltd., Process.

249/Bom/91 Hindustan Lever Ltd., Synergistic composition.

The 3rd September 1991

250/Bom/91 Ramesh V. Panjwani & Ram T. Balwant. An invention for connector block for cable distribution heads and like devices.

251/Bom/91 Hasmukh K. Tank. A new method of amplitude shift dyeing signal detection.

252/Bom/91 Centre for advanced Technology. A birefringent crystal lens light beam polarizer.

The 4th September 1991

253/Bom/91 Subodh Govind Dabke & Smt. Anita Ashok Ganu. An invention for resting instrument to detect the spindle leakage and leakproofness of the Joint seal/O' Ring, separately but simultaneously for the compact valve used in LP gas cylinder.

254/Bom/91 Mr. Hasmukh K. Tank. An invention for more efficient method of P.S.K. Demodulation using signal compression.

The 5th September 1991

255/Bom/91 Yashwant Gopal Ghaisas. Improvements in or relating to a device for continuous electrostatic deposition of powder paint.

256/Bom/91 Frederic Micheal D'Souza. An invention for induce gripping shackle/canopies for ceiling fan,

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by (1) Debakiranjan Datta and Bhupesh Chandra Datta in respect of application for Patent No. 166402 as Advertised in part III section 2 of the Gazette of India dated the 22nd December 1990 have been allowed.

AMENDMENT PROCEEDING UNDER SECTION 57

Proposed amendments under section 57 of the Patents Act, 1970 in respect of Patent Application No. 167875 (623/MAS/86) in the Gazette of India dated 15-6-1991 have been allowed.

AMENDMENT PROCEEDING UNDER SECTION 57

Proposed amendments under section 57 of the Patents Act, 1970, in respect of Patent Application No. 168362 (710/MAS/86) as advertised in the Gazette of India dated 15-6-1991 have been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Maschinenfabrik Rieter AG., a Swiss Company, of Klosterstrasse 20, 8406 Winterthur-Switzerland have made an application under Section 57 of the Patents Act, 1970 for amendment of the application for Patent of their application for Patent No. 168839 for "Improved device for winding down the yarn of a yarn package or the spindle of a spinning machine".

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filling the said notice.

RENEWAL FEES PAID

146818 147264 147418 147728 147729 149042 149082 149382
149513 150035 150359 150764 150813 150933 151025 152083
152091 152144 152263 152460 152496 152588 153286 153408
153496 153521 153621 153847 154036 154126 154408 154593
154718 155427 155468 155575 155703 155790 155989 156313
156387 156673 157158 157204 157232 157317 157320 157331
157613 157652 157688 157852 158075 158501 158707 158724
158734 158917 158918 159106 159196 159241 159454 159521
159599 159629 159669 159688 159954 159955 160078 160229
160318 160342 160413 160483 160595 160720 160900 160912
161016 161181 161340 161351 161388 161390 161439 161463
161536 161728 161737 161740 161763 161888 161929 161990
162055 162230 162333 162339 162393 162398 162440 162474
162475 162546 162550 162762 162767 162777 162809 162837
162944 162972 163017 163067 163128 163300 163370 163619
163631 163636 163638 163701 163985 163990 164029 164188
164195 164330 164385 164394 164407 164492 164494 164507
164536 164571 164577 164599 164632 164715 164793 164826
164918 164958 165108 165132 165239 165310 165448 165545
165546 165548 165609 164536 165664 165666 165670 165742
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166018 166019 166020 166026 166029 166053 166055 160057
 166136 166140 166171 166172 166173 166174 166175 166176
 166177 166178 166179 166211 166215 166216 166220 166261
 166264 166268 166269 166291 166334 166397 166399 166400
 166430 166494 166496 166501 166503 166507 166509 166525
 166563 166595 166607 166674 166815 166926 166935 167159
 167193 167244 167251 167271 167272 167274 167275 167325
 167332 167334 167335 167341 167342 167349 167377 167563
 167565 167653 167655 167656 167722 167808

RESTORATION PROCEEDING

Notice is hereby given that an application for restoration of Patent No. 163732 dated the 27th December 1984 made by Westinghouse Electric Corporation on the 24th December 1990 and notified in the Gazette of India, Part III, Section 2 dated the 30th March 1991 has been allowed and the said patent restored.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 165331 dated the 12th August 1985 made by The Cross Company on the December 1990 and notified in the Gazette of India, Part III, Section 2 dated the 30th March 1991 has been allowed and the said patent restored.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by four to get the charges as the copying charges per page are Rs. 4/-.

सूचीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोइँ व्यक्ति, इसके निर्भम की तिथि से 4 महीने या अधिक एसी अवधि जो उक्त 4 महीने को अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्वरुप को एसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध मंबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी हिति के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए गयीकरण, भारतीय वर्गीकरण तथा अंतर-राष्ट्रीय वर्गीकरण के अनुसूचि है ।"

नीचे सूचीगत विनिर्देशों की सीमत संख्यक मात्राओं प्रतियाँ, भारत सरकार द्वारा दिये, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय होते यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है (अतिरिक्त डाक यज्ञ)। मुद्रित विनिर्देश की आपूर्ति होते मात्र भारत के भाग निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या भजन रामन गढ़ी गयी है।

प्राक्तन (चित्र आरसों) की फोटो ग्राह्य यदि कोई हो, के नाम विनिर्देशों की टांकित अथवा फोटो ग्रनिंग की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित नियान्तरण प्रभार, जिसे उसके कार्यालय से पश्च व्यवहार द्वारा मुनिशित करने के उपरांत उसकी अदायगी पर जी जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक एकल विनिर्देश के मास्टर नीचे वर्णित चित्र आरसे कागजों को जोड़कर उसे 4 में गुणत करके; (क्योंकि प्रत्येक पृष्ठ का नियान्तरण प्रभार 4/- रु. है) फोटो नियान्तरण प्रभार का पर्याकलन किया जा सकता है।

Ind. Cl. : 49 E & 99 A.

169681

Int. Cl. : A47J 27/02.

VESSEL FOR COOKING FOOD AND THE LIKE.

Applicant & Inventor : GIUSEPPE BAGGIOLI, AN ITALIAN CITIZEN OF VIA COMO, 4 LECCO, COMO, ITALY.

Application for Patent No. 641 DFI 85 filed on 06 Aug. 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

11 Claims

A vessel for cooking food and the like comprising in combination :

- (a) a first basin (2) consisting of a bottom wall (3), a side wall (5) provided with an upper edge (9), and a lower-edge portion (4) peripherally surrounding said bottom (3) and interconnecting the latter to the side wall (5), said bottom (3) and side wall (5) of the first basin (2) substantially having the same thickness, said lower-edge portion (4) of the first basin (2) having a thinner thickness than said bottom (3) and side wall (5);
- (b) an additional band (8) mounted on said upper edge (9) and extending therefrom so as to surround, at least partially, a portion of said side wall (5), defining a space (10) therebetween adapted to receive part of the flame gliding over said bottom (3);
- (c) a lid (7) removably engaging on said first basin (2); said lid (7) comprising an upper surface within which a furrow (26) has been formed, a handle (25) mounted on said upper surface for handling said lid (7) and a housing (17) obtained through the thickness of said lid;
- (d) means (18) to release pressure inside the first basin (2), said pressure releasing means (18) comprising a disc (19) received in said housing (17) and a central hole (21) located in said disc (19), and a weighed peg (22) freely introduced into said central hole (21);

(e) a handle (6) comprising a crosspiece (13) leading off from said additional band (8) and a plate (12) connected to the crosspiece (13) and extending outwardly at an angle relative to the additional band (8), said crosspiece (13) being provided with slits (14).

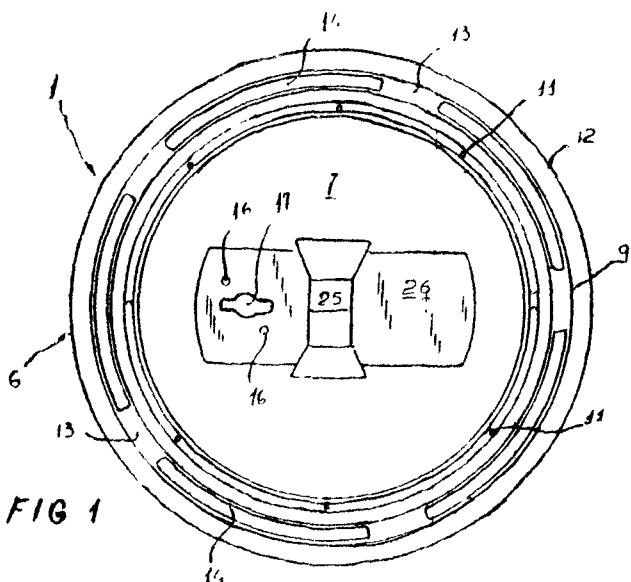


FIG 1

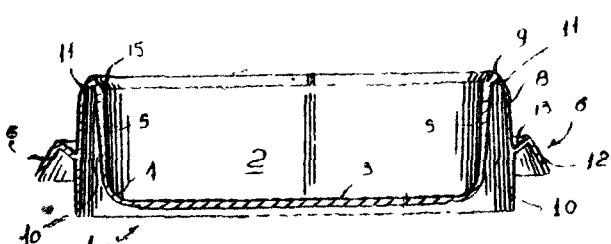


FIG 2

(Compl. Specn. 17 Pages.

Drgs. 6 sheets.)

Ind. Cl. : 81.

169682

Int. Cl⁴ : G08B 17/12.

A DUAL CHANNEL FIRE SENSOR CIRCUIT.

Applicant : SANTA BARBARA RESEARCH CENTRE, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF CALIFORNIA, U.S.A., HAVING A PRINCIPAL PLACE OF BUSINESS AT 75 COROMAR DRIVE, GOLETA, STATE OF CALIFORNIA, U.S.A.

Inventors : MARK THOMAS KERN & KENNETH ARTHUR SHAMORDOLA.

Application for Patent No. 126 DEL 85 filed on 15 Feb. 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

20 Claims

A dual channel fire sensor circuit comprising :

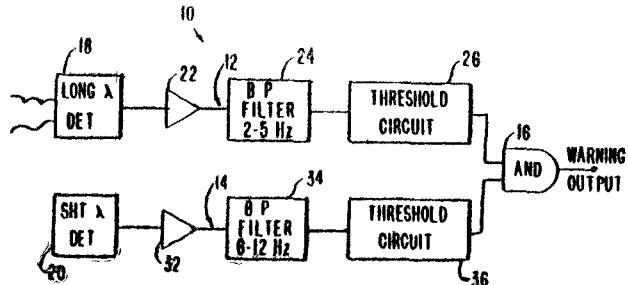
a first detector to generate an electrical signal in response to long wavelength radiation;

a second detector to generate an electrical signal in response to short wavelength radiation;

a first and second signal channels coupled respectively to the first and second detectors, each of said channels having a

bandpass filter and a threshold circuit in series with the output of the corresponding detector, the passbands of said bandpass filters in the respective channels being not overlapping and different from each other;

and means for providing a signal indicative of the detection of radiation in response to corresponding electrical signals at the output of the threshold circuits of both said channels; said first and second detectors and the respective channels being connected through said signal providing means.



(Compl. Specn. 28 Pages.

Drgs. 9 sheets.)

Ind. Cl : 129 O.

169683

Int. Cl⁴ : B21D 28/00.

AN APPARATUS FOR MANUFACTURING COMPONENTS.

Applicant : CEARA ENGINEERING LIMITED, A BRITISH COMPANY OF 70 FINSBURY PAVEMENT, LONDON EC2A 1SX UNITED KINGDOM.

Inventor : JOHN WORKMAN.

Application for Patent No. 651 DEL 85 filed on 08 Aug. 1985.

Convention date 10 Aug. 1984/8420343/(U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims.

An apparatus for manufacturing components such as there-in described from continuous metal strip comprising :

means for forming at least one edge of the strip with a periodic repetitive profile which closely defines successive component positions on the strip; said means for forming at least one edge of the strip is connected to a strip feeding means for feeding the profiled strip to a punching means and located between said strip feeding means and said punching means is a means such as herein described for adjusting the wavelength of said profile immediately prior to or during cutting to produce a close match between the spacing of the component positions on the profiled strip and a dimension of the punching means.

(Compl. Specn. 19 Pages.

Drgs. 10 sheets)

Ind. Cl. : 32 F_{2b}.

169684

Int. Cl⁴ : C07D 209/60.

PROCESS OF PREPARATION OF THIENO AND FURO-(2, 3-c) PYROLES.

Applicant : LIPHA, LYONNAISE INDUSTRIELLE PHARMACEUTIQUE, A FRENCH BODY CORPORATE, OF 34, RUE SAINT ROMAIN-69008 LYON (FRANCE).

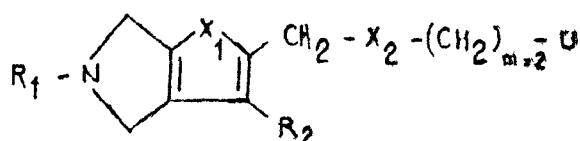
Inventors : DIDIER FESTAL, DESNIS DESCOURS, JEAN-CLAUDE DEPIN, YVETTE QUENTIN.

Application for Patent No. 881 DEL 85 filed on 22 Oct. 1985.

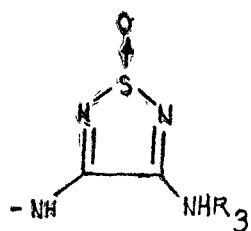
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-100 005.

2 Claims

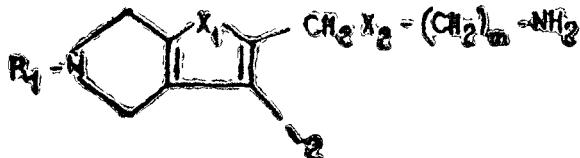
A process for preparing thieno and furo (2, 3-c) pyrroles represented by the formula II



wherein X₁ and X₂ designate, an oxygen or sulfur atom; R₁ designates a linear or branched alkyl radical containing 1 to 6 carbon atoms, an alkoxyalkyl containing 3 carbon atoms, R₂ designates a hydrogen atom, U represents an aminothiadiazole radical of Formula V,

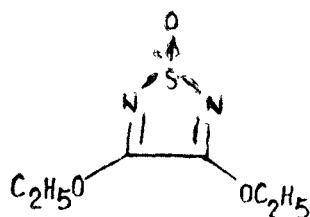


m is equal to 2, R₃ represents a hydrogen atom, a linear or branched alkyl group containing 1 to 3 carbon atoms, which comprises reacting an amine of the formula XII



with a compound of the formula XXIV.

XXIV



and reacting the product so formed with an amine of the formula R₃NH₂.

(Compl. Specn. 48 Pages.)

Drgs. 13 sheets.)

Ind. Cl. : 32E.

169685

Int. Cl.⁴ : C07C 2/08.

PROCESS FOR THE PREPARATION OF DIMERIZATION PRODUCTS FROM ALIPHATIC MONO-OLEFINS.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAFFIJ B.V., A NETHERLANDS COMPANY, OF CAREL VAN BYLANDTLAAN 30 2596 HR THE HAGUE, THE NETHERLAND.

Inventor : EJT DRENT.

Application for Patent No. 1070 DDEL 85 filed on 17 Dec. 1985.

Convention date 19 Dec 1984/8432042/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Cl's ms

A process for the preparation of dimerization products from aliphatic mono-olefins having 2-12 carbon atoms per molecule, characterized in that the aliphatic mono-olefin is contacted in an aprotic organic solvent of the kind as herein described with a catalytic system comprising a catalyst as herein described, a ligand as herein described containing at least one atom of group Va of the Periodic table of the elements as coordinating atom and an acid as herein described with a pKa of less than 2, except hydrohalogenetic acids in a quantity of more than one equivalent acid per gram atom Group Va atom present in the ligand.

Compl. Specn. 18 Pages.

Drgs. 1 sheet.)

Ind. Cl. : 27CFL.

169686

Int. Cl.⁴ : E04C 3/00.

A PROCESS FOR THE PREPARATION OF A CLADDED FIBRE REINFORCED CONCRETE STRUCTURAL BEAM AND A CLADDED FIBRE REINFORCED BEAM PREPARED BY THE SAID PROCESS.

Applicant : NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIAL, M-10, SOUTH EXTENSION-II, RING ROAD, NEW DELHI-110 049, (A SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, 1860).

Inventors : RATTAN LAL & NARASIMHAMURTHY RAGHAVENDRA

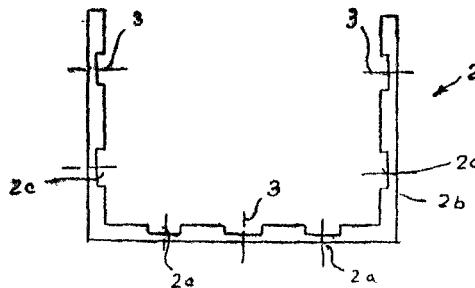
Application for Patent No. 150 DEL 86 filed on 24 Feb. 1986.

Complete Specification left on 22 May 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of a cladded fibre reinforced concrete structural beam comprising in the steps of forming a precast jacket or channel of fibre reinforced concrete with recesses/grooves, anchorage means or reinforcements provided on the inner surface of the said precast jacket or channel, applying a coating of a resin on the inner surface of said jacket, positioning said reinforcements within said jacket and then pouring concrete within the jacket for casting of the structural member.



(Provisional Specn. 3 Pages.)

(Compl. Specn. 9 Pages.)

Drg. 1 sheet.)

Ind. Cl. : 32 F₂(C).

169687

Int. Cl.⁴ : C07C 113/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF 1, 1, 1-TRICHLORO-4-METHYL-PENT-3-ENE-2-YL DIAZOACETATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001.

INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : RAJAT BARAN MITRA, GURUNATH HANMANTRAO KULKARNI, PRALHAD NARAIN KHANNA, BABURAO MANIKRAO BHAWAL & ABDUL RAKEEB ABDUL SUBHAN DESHMUKH.

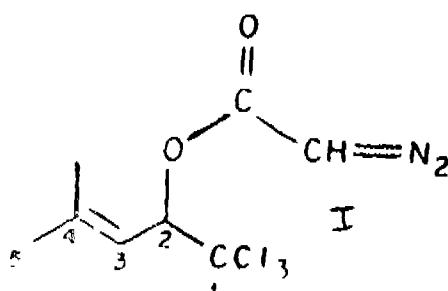
Application for Patent No. 196 DEL 86 filed on 05 Mar. 1986.

Complete Specification left on 26 May 1987.

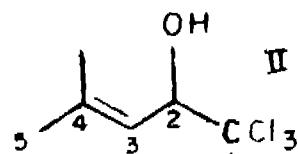
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

8 Claims

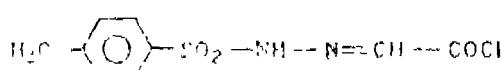
An improved process for the preparation of 1, 1, 1-trichloro-4-methyl-pent-3-ene-2-yl diazoacetate of formula I,



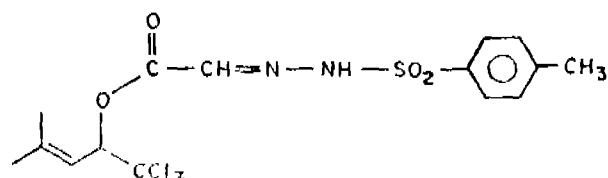
which comprises heating under reflux 1, 1, 1-trichloro-4-methyl-pent-3-ene-2-yl of formula II



with tosyl hydrazone of glyoxalic acid chloride of formula III



in the presence of an inorganic base such as herein described in an organic solvent such as herein described treating the organic layer containing the tosyl hydrazone ester of formula IV



with an organic base such as herein described and removing the solvent by distillation under reduced pressure by known methods.

(Provisional Specn 3 Pages
(Compl. Specn. 9 Pages.)

Drgs. 1 sheet.)

Ind. Cl. 32 F4.

169688

Int. Cl. : C07D 307/00.

IMPROVEMENTS IN OR RELATING TO THE PROCESS FOR THE PREPARATION OF γ -LACTONE OF -2, 2-DIMETHYL-3-(2, 2, 2-TRICHLORO-1-HYDROXYETHYL) CYCLOPROPANE CARBOXYLIC ACID.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : RAJAT, BARAN MITRA, GURUNATH HANMANTRAO KULKARNI, PRALHAD NARAIN KHANNA, BABURAO MANIKRAO BHAWAL AND ABDUL RAKEEB ABDUL SUBHAN DESHMUKH.

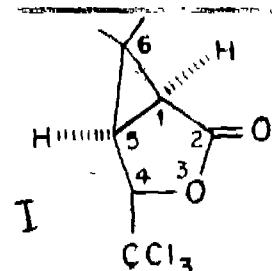
Application for Patent No. 195 DEL 86 filed on 05 Mar. 1986.

Complete Specification left on 26 May 1987.

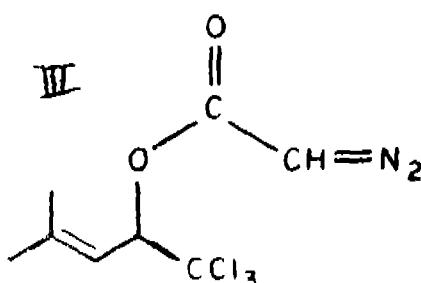
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of γ -lactone of 2, 2-dimethyl-3-(2, 2, 2-trichloro-1-hydroxyethyl), cyclopropane carboxylic acid of the formula I which



which comprises adding dropwise a solution of the diazoacetate of the formula III



in an organic solvent such as herein described to a refluxing solution of a soluble copper chelate complex catalyst prepared by reacting salicinaldehyde and a tertiary or secondary amine in the presence of the same organic solvent as mentioned above, containing the reflexion of the mixture of catalyst and diazoacetate of the formula III for 1 hour cooling and washing the mixture by dil. HC, dil. NaOH and water, filtering of the catalyst and removing the said solvent from the filtrate by distillation under reduced pressure by known methods.

(Provisional Specification 3 Pages.)

(Compl. Specn. 6 Pages.)

Drgs. 1 sheet.)

Ind. Cl. : 84 D.

169689

6 Claims

Int. Cl. : C10L 1/22.

FUEL OIL COMPOSITIONS.

Applicant : EXXON CHEMICAL PATENTS INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 200 PARK AVENUE, FLORHAM PARK, NEW JERSEY 07932, UNITED STATES OF AMERICA.

Inventors : LEWTAS KENNETH & BROIS STANLEY JAMES.

Application for Patent No. 363 DEL 86 filed on 23 Apr. 1986.

Convention date 26 Apr. 1985/8510719/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

A fuel oil composition comprising a distillate fuel oil as herein described and .0001 to .5 wt% based on the weight of the fuel oil of a derivative of (1) a monocyclic compound as herein described having at least 7 ring atoms or of (2) a polycyclic compound as herein described, said derivative comprising two substituents attached to adjoining ring atoms in the ring of derivative (1) or in one of the rings of derivative (2), one of said substituents being an amide or a salt of a secondary amine and the other of said substituents being an amide of a primary or secondary amine, a salt of a primary, secondary or tertiary amine, a quaternary ammonium salt or an ester, each substituent containing at least one hydrogen and carbon containing group of at least 10 carbon atoms attached to the nitrogen atom or forming part of the ester.

(Compl. Specn. 15 Pages.

Drgs. 8 sheets.)

Ind. Cl. : 39C.

169690

Int. Cl. : C01G 25/06.

A PROCESS FOR THE PREPARATION OF AMMONIUM ZIRCONIUM SULFATE COMPOSITION.

Applicant : ICI AUSTRALIA LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF VICTORIA, MANUFACTURES AND MERCHANTS, OF 1 NICHOLSON STREET, MELBOURNE, VICTORIA, 3000, AUSTRALIA AND COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, A BODY CORPORATE ESTABLISHED UNDER SCIENCE AND INDUSTRY RESEARCH ACT 1949, OF LIMESTONE AVENUE.

Inventors : KIAN FAH NGIAN, ANGUS JOHN HARTSHORN & DAVID HUGHES JENKINS.

Application for the Patent No. 350/DEI./96 filed on 18th April, 1986

Convention date, 2nd May 1985/PH0405/Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

A process for the preparation of ammonium zirconium sulfate composition which said process comprises preparing in a manner known per se an aqueous zirconium sulphate solution having zero PH; adding an ammonia source such as herein described to said zirconium sulphate solution until the pH of said solution is raised to a range of from 0.1 to 2.5; and collecting in any known manner the precipitated ammonium zirconium sulfate composition.

(Compl. Specn. 25 Pages

Drgs. NIL.)

Ind. Cl. : 27G, 27E

169691

Int. Cl. : E04c 2/00.

AN IMPROVED BUILDING STRUCTURE.

Applicant : EL BARADOR HOLDINGS PTY. LTD., 30 PALINGS COURT, NERANG, QUEENSLAND, 4211, AUSTRALIA.

Inventors : (1) MARK DANIEL BEAZLEY, (2) GORDON STUART.

Application No. 685/Cal/1988 filed August 12, 1988.

Convention date 13-08-1987 No. PI 3703 (Australia), 17-03-1988 No. PI 7287 (Australia), 17-03-1988 No. 7288 (Australia), 22-04-1988 No. PI 7863 (Australia), 24-05-1988 No. PI 8404 (Australia).

Appropriate Office for opposition proceedings (Rule 4, Patents Rules. 1972) Patent Office, Calcutta.

14 Claims

An improved building structure including :

a floor assembly supported on a plurality of piles or stumps;

a plurality of wall panels secured to the floor assembly;

a plurality of roof truss frames supported on and secured to the wall panels;

first bracket means securing the wall panels to the floor assembly; and

second bracket means securing the roof truss frame to the wall panel means, each bracket means being received between adjacent wall panels;

characterized in that :

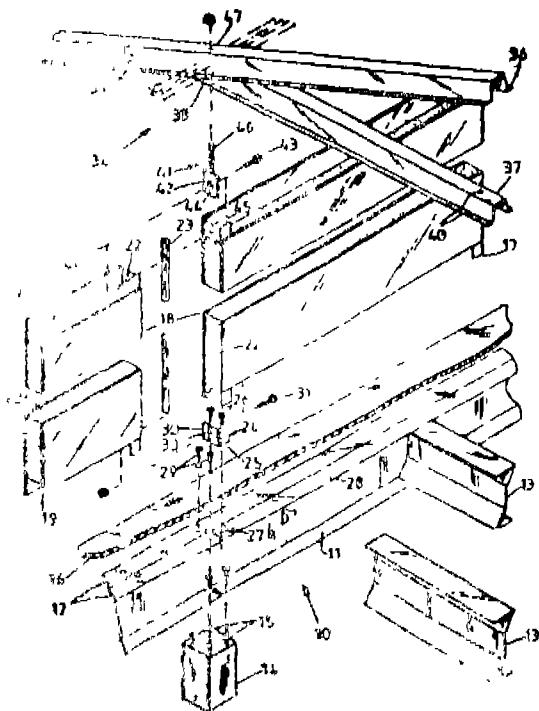
the floor assembly includes a peripheral frame having longitudinal bearers comprising a plurality of I-beams; and

at least one lateral beam or joist is connected thereto, each lateral beam or joist having a web between a pair of parallel side flanges, the lateral beam or joist being received between a pair of side flange members of the longitudinal bearers;

first fastener means engaged in respective aligned holes in the lower of the side flanges in the lateral beam or joist and the lower of the side flange members of the longitudinal bearer to secure the peripheral frame to the stumps or piles; and

second fastener means engaged in respective aligned holes in the upper of the side flanges of the lateral beam or joist, the upper of the side flange members of the longitudinal bearer and the first bracket means to secure the wall panels to the floor assembly;

so arranged that any loads between the floor assembly and the roof truss frames are transferred through the wall panels.



(Sompl Specn. 14 Pages.

Drgs. 15 sheets.)

Ind. CL : 172E & F, 181; 179G.

169692

Int. Cl. : B65/g, 51/00, B65/g 53/00, B65H 5/00, B65h 7/00.

A DEVICE FOR PRESSURE SEALING IN THE FEED
IN AND TAKING OUT OPENINGS OR UNFIRED PRES-
SURE VESSEL FOR TREATMENT OF ACRYLIC FIBRE
TWO BAND.

Applicant & Inventors : SHIBA PADA BHATTACHARJEE & SMT. PARAMITA BHATTACHARJEE, 15A, N. N. GHOSE LANE, CALCUTTA-700 040, INDIA.

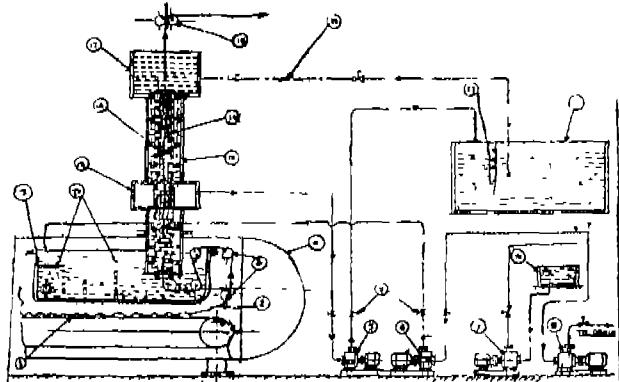
Application No. 705/Cal/1988 filed August 23, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A device for pressure sealing in the feed-in and taking-out openings of unfired pressure vessel for treatment of Acrylic fibre tow band, comprising of a perforated rectangular guide (16) in the form of a inner jacket and outer jacket (15) surrounding the inner jacket (16) wherein the outer jacket is provided with enlarged portion (13) for collecting the water which flows from the inner jacket through the perforations due to pressure different and there is also provided a rectangular tank (17) fitted at the top of both the jackets and means provided for recirculation of the water collected in the outer jacket (15) back to the tray (12) placed inside the pressure

vessel (4) so as to maintain the Level of water in tray (12) Constant.



(Compl. Specn. 13 Pages.

Drgs. 2 sheets)

Ind. Cl. : 36B3, 163D,

169693

Int. Cl. F04d 25/00, 29/00.

A ROTARY MACHINE.

Applicant : COPELAND CORPORATION, CAMPBELL ROAD, SIDNEY, OHIO 45365, UNITED STATES OF AMERICA.

Inventors : (1) JAMES WILLIAM BUSH.

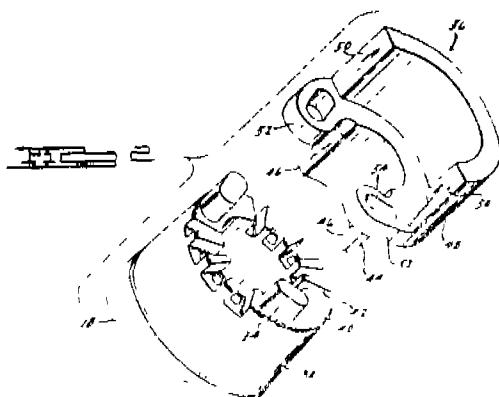
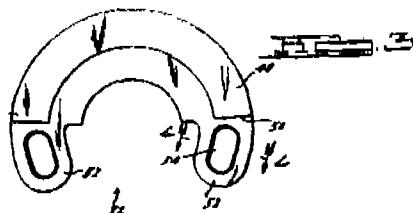
(2) GARY JUSTIN ANDERSON.

Application No. 716/Cal/1988 filed August 26, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

10 Claims

A rotary machine comprising a motor including a stator and rotor, said rotor being secured to a shaft, and a counter-weight mounted to one end of the rotor for balancing the assembly against forces arising from rotation of the shaft, characterized in that said counterweight extends around said rotor in excess of 180°.



(Compl. Specn. 9 Pages.

Drgs. 2 sheets.)

Ind. Cl. : 36A1.

169694

20 Claims

Int. Cl. : F04d 29/30.

CENTRIFUGAL PUMP IMPELLER.

Applicant : KSB AKTIENGESELLSCHAFT, POSTFACH 225, JOHANN-KLEIN-STRASSE 9, D-6710 FRANKENTHAL, F.R. GERMANY.

LOWARA SPA, I-36075 MONTECCHIO, MAGGIORE VICENZA, ITALY.

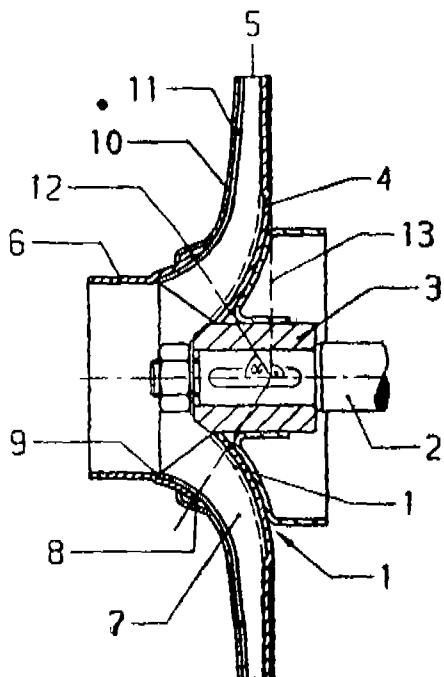
Inventors : (1) AXEL RIEL, (2) ROLF SCHERER, (3) JORG STARKE, (4) RENZO GHIOOTTO, (5) PRIMO LOVISETTO.

Application No. 719/Cal/1988 filed August 29, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Centrifugal pump impeller of radial or semi axial design, the blade-equipped cover plate of which disposing of a power transmitting hub and of a cover plate without blades covering the impeller channel formed by the blades, characterized by a suction port (6) provided in the entry range of the impeller, said suction port (6) being a separate structural part and being fastened to blades (5) a cover plate (10) without blades covering the blade channel and fitted to the blades (5) between the impeller exit and the suction port (6) and covering maximum diameter of said suction port.



(Compl. Specn. 11 pages.)

Drgs. 2 sheets.)

Ind. Cl. : 33-A.

169695

Int. Cl. : B22d 11/00.

IMMERSED TEEMING NOZZLE.

Applicant : DANIELI & C. OFFICINE MECCANICHE SPA, VIA NAZIONALE, 33042 BUTTRIO (UD), ITALY.

Inventors : (1) RICCARDO TOSINI, (2) ALFREDO BASSARUTTI.

Application No. 722/Cal/1988 filed August 30, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

Immersed teeming nozzle (11) for a continuous casting machine of a reduced height, which teems below the meniscus (17) of molten metal in an oscillatory crystallizer (16), means (14) to regulate the flow of the molten metal from the bore of nozzle (11) comprising tube portion (15) and outflow hole (18) characterised in that the dimension of the outflow hole (18) is such that $V \geq K X \sqrt{2gh - 2P/S}$

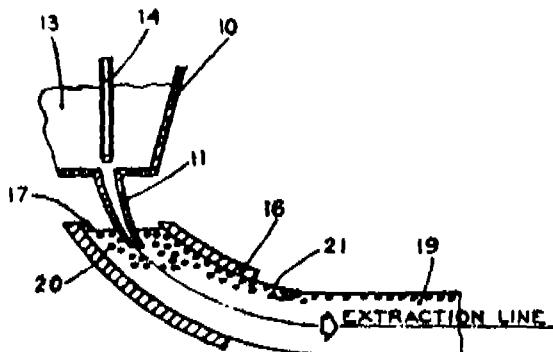
'V'—is the speed of outflow of molten metal from the outflow hole in metres per second;

'K'—is a correction coefficient depending on the physical properties of the steel and on the physical and geometric characteristics of the nozzle and the bore of the tube portion of the nozzle;

'h'—is the distance in metres between the stopper that regulates the flow and the level of the molten bath in the crystallizer of the mould;

'p'—is the difference in pressure in N/m² between the existing pressure on the meniscus of the molten metal in the crystallizer of the mould and the pressure in the tundish;

'S'—is the density of the molten metal in kg/m³ to render a migration of gas from the exterior to the inside of the nozzle (11).



(Compl. Specn. 16 Pages.)

Drgs. 4 sheets.)

Ind. Cl. : 68-.

169696

Int. Cl. H01h 71/02, 71/20, H02h 3/20.

THERMAL PROTECTION DEVICE FOR OVERVOLTAGE SUPPRESSORS MOUNTED IN OVERVOLTAGE SUPPRESSOR MAGAZINES OF COMMUNICATION SYSTEMS.

Applicant : KRONE AKTIENGESELLSCHAFT, BEESKOWDAMM 3-11, D-1000, BERLIN 37, WEST GERMANY.

Inventors : (1) LUTZ BIEDERSTEDT, (2) MANFRED MULLER.

Application No. 725/Cal/88 filed August 30, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

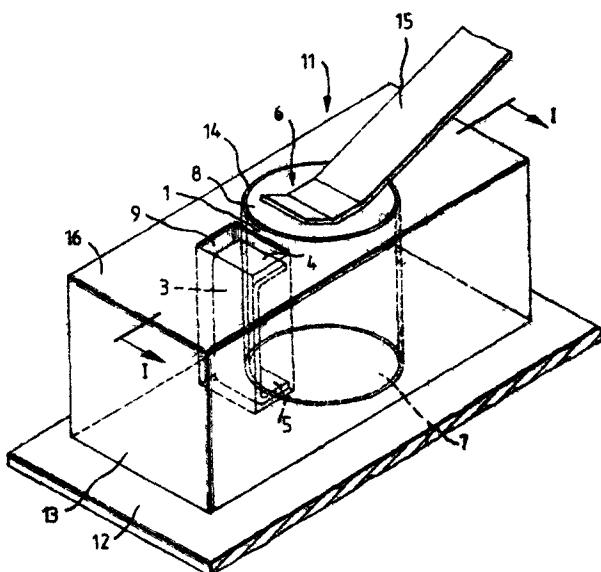
A thermal protection device for overvoltage suppressors mounted in overvoltage suppressor magazines of distribution system for communication systems, wherein a bow-type spring and a melt element are assigned to the overvoltage suppressor mounted in a chamber of the case body, a said melt element being pierced by at least one arm of the bow-type spring in case of an overvoltage for short-circuiting the two contacts of the overvoltage suppressor, characterized by that to the chamber (14) for the overvoltage suppressor (6),

a separate chamber (9) formed in that case body (13) is assigned for accommodating the bow-type spring (3), and that between the two chambers (9, 14), a separating wall (1) made of thermoplastic is arranged as melt element (2).

hydroxide and 5 to 60% by weight particulate magnesium hydroxide applied to the fibers of the sheet.

(Compl. Specn. 16 Pages.)

Drgs. NIL.)



Cl. : 172C.1.

169698

Int. Cl : D 01 g 15/00.

A DEVICE FOR FEEDING UNIFORM BLEND OF CARD SLIVER OR SPUNBONDED TISSUES IN MACHINES SUCH AS CARDING ENGINES, CLEANER AND SIMILAR MACHINES USED IN THE ART FOR BLENDING OF CARD SLIVER OR SPUNBONDED TISSUES.

Applicant : TRUTZSCHLER GMBH & CO. KG. DUVENSTR. 82-92, D-4050 MONCHENGLADBACH 3, WEST GERMANY.

Inventors : FERDINAND LEIFELD.

Application No. 757/Cal/1988 filed September 9, 1988.

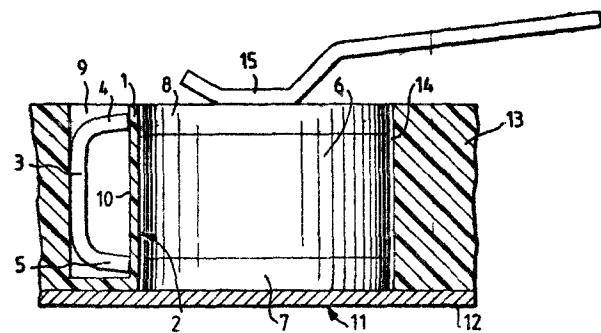
Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A device for feeding uniform blend of card sliver or spunbonded tissues in machines such as herein-described comprising positioned in coordination with said machine a chute feeding device, in particular a filling shaft (14), whereby the feeding roller (1) with a counter element (2) interacts with a counter roller, said filling shaft (14) having a lower end (14a) extending in the region of said feeding roller (1) of said machine such that said feeding roller (1) pulls out the fibre material (14b) from said filling shaft (14), said end of the filling shaft (14a) ending above the middle point (M) of the take-in roller (3) of said machine.

(Compl. Specn. 12 Pages.)

Drgs. 4 sheets.)



(Compl. Specn. 8 Pages)

Drgs. 1 sheet.)

Ind. Cl. : 42D.

169700

169697

Int. Cl. : A24b 15/00, A24c 1/00

Cl. : 190D.

Int. Cl : D 01 g 15/00.

A DEVICE FOR FEEDING DESIRED BLEND OF CARD SLIVER OR SPUN-BONDED TISSUES IN MACHINES.

Applicant : TRUTZSCHLER GMBH & CO. KG., DUVENSTR. 82-92, D-4050 MONCHENGLADBACH 3, WEST GERMANY.

Inventor : FERDINAND LEIFELD.

Application No. 758/Cal/1988 filed September 9, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

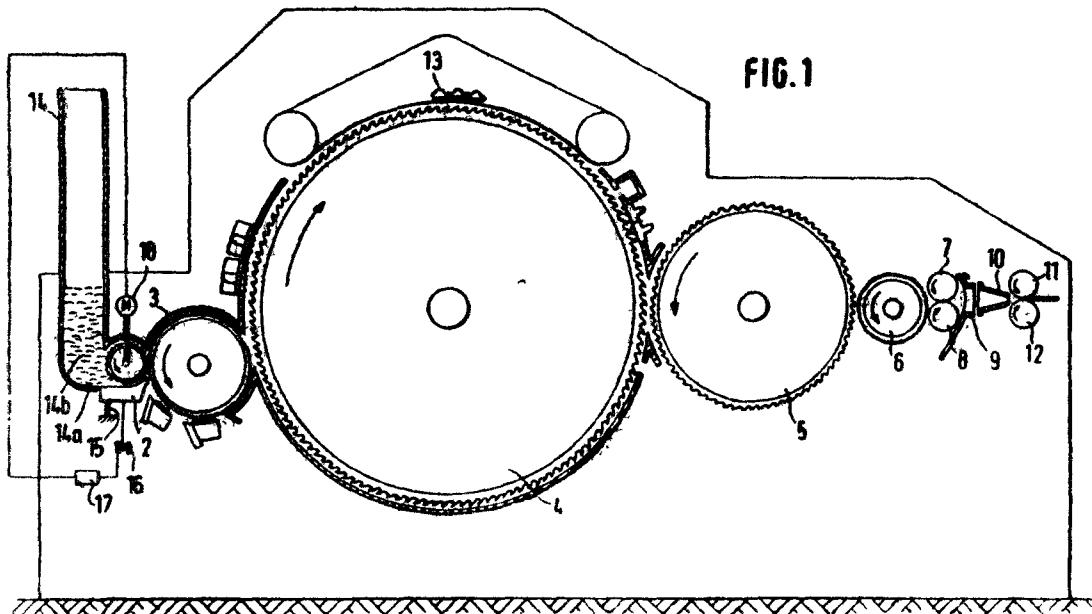
A device for feeding desired blend of card sliver or spunbonded tissues in machines such as herein described, comprising positioned in cooperation with said machine a chute feed device, in particular, a filling shaft whereby the feeding roller of said machine could interact with a movably placed counter element, the end of said filling shaft ending in the region of said feeding roller such that the feeding roller draws

10 Claims

A wrapper for smoking articles such as cigarettes, cigars and the like comprising a cellulosic fiber sheet containing, as filler, 2 to 40% by weight freshly precipitated magnesium

in said fibre material from said filling shaft, an error sensing device for control of desired blend being fed to said machines,

being connected to the drive motor of the feeding roller over a control device.



(Compl. Specn. 12 Pages.

Drgs. 4 sheets.)

Cl. : 190D 169700

Int. Cl. : F 03 d 7/04.

REGULATING DEVICE FOR MAINTAINING CONSTANT ROTARY SPEED IN WIND-POWERED TURBINES.

Applicant : SVEN SVENNING KONSULT AB, TOSTARED S-510 13 BJORKETORP, SWEDEN.

Inventor : SVEN SVENNING.

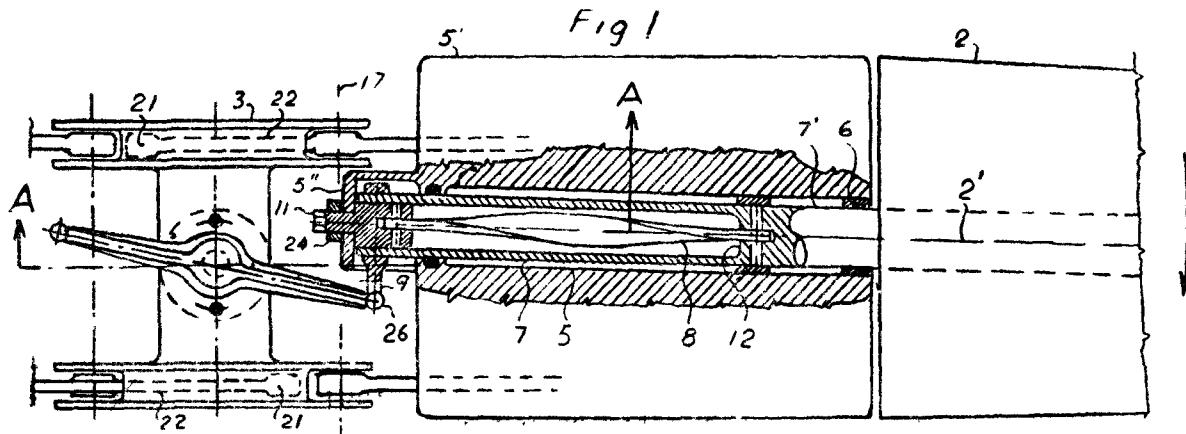
Application No. 769/Cal/1988 filed September 13, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

Regulating device for maintaining constant rotary speed in wind-powered turbines of the type comprising a turbine hub (3) and a number of turbine blades (2) which are supported by and axially, but rotatably connected to the hub and have such a shape and are so arranged that each turbine blade in a flowing medium acts on the turbine hub by a torque acting about the axis of rotation of the turbine, and is acted on by a torque by means of a spring arrangement (8; 8') tending to rotate the turbine blade about a longitudinal geometrical axis of rotation (2) substantially at right angles to the turbine shaft, the regulating device comprising means (11; 11') for biasing said spring arrangement (8; 8') for establishing a torque acting on the respective blade in a direction of rota-

tion contrary to the torque on the blade initiated by the flowing medium, with a force corresponding to the pitch moment initiated by the blade in the flowing medium at a desired maximum turbine speed at which the blade starts being rotated about said geometrical axis of rotation (2'), the magnitude of said pitch moment being substantially determined by the blade profile and being substantially independent of the lift on the blade when the medium is impinging thereon, characterized in that the regulating device further comprises a power-transmitting means (14) operable by an actuator means (4) and movably supported in relation to the hub (3), said power transmitting means (14), for coordinating the angular motion and angular displacement of the turbine blades (2) about the axes of rotation (2') of the blades (2), being connected to the turbine blades (2) by linkage systems comprising a crank arm (9) connected to each turbine blade (2), the arrangement being such that each turbine blade, when rotating about its axis of rotation (2'), acts on and brings about a corresponding rotation of the other turbine blade or, if there are more than two turbine blades, the other turbine blades via said linkage systems and the power-transmitting means (14) common to the turbine blades, and the arrangement further being such that all turbine blades are rotatable about their geometrical axes of rotation (2') by a substantially equal angular displacement in relation to each other, by a force which is exerted on said actuator means and which then acts on the turbine blades via said common power-transmitting means (14) and said linkage systems.



(Compl. Specn. 17 Pages.

Drgs. 3 sheets.)

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries in the date of the registration of the design included in the entry.

Class 1. No. 163541. Larsen & Toubro Limited of L & T House, Ballard Estate, Bombay-400 048, Maharashtra, India, Indian Company. "Solid State release". August 21, 1991.

Class 1. No. 163445. Elgi Finance Limited an Indian Company of "India House", Trichy Road, Coimbatore-641 018, Tamil Nadu, India. "Grinder". July 25, 1991.

Class 1. No. 163216. Monica Chawla, Proprietress, Indian, trading as Kiddie Kraft, 20, Roshanara Road, Palace Cinema Building, Delhi-7, India. "Baby Bourner". May 6, 1991.

Class 1. No. 163218. Monica Chawla, Proprietress, Indian, trading as Kiddie Kraft, 20, Roshanara Road, Palace Cinema Building, Delhi-7, India. "Baby Carrier Seat". May 6, 1991.

Class 3. No. 163217. Monica Chawla, Proprietress, Indian, trading as Kiddie Kraft, 20, Roshanara Road,

Palace Cinema Building, Delhi-7, India. "Seal" May 6, 1991.

Class 3. Nos. 163190 & 163191. Hindustan Liver Limited, Indian Company of 165/166, Backbay Reclamation, Bombay-20, Maharashtra, India. "Bottle". April 30, 1991.

Class 3. No. 163446. Elgi Finance Limited, Indian Company of "India House", Trichy Road, Coimbatore-641 018, T.N., India. "Grinder". July 25, 1991.

Class 3. No. 163542. Larsen & Toubro Limited of L&T House, Ballard Estate, Bombay-400 048, Maharashtra, India, Indian Co. "Solid State Release". August 21, 1991.

Class 10. No. 163624. Jagdish Prasad Gopalani (Indian) trading as Foot Fast, 11/41-A, Deen Dayal Dall Mill Compound, Ram Bagh Crossing, Agra, U.P., India. "Sole for Footwear". September 27, 1991.

Copyright extended for the second period of five years

No. 158266 & 158267. Class-4.

Copyright extended for the third period of five years

Nos. 158266 & 158267. Class-4.

R. A. ACHARYA
Controller General of Patents, Designs
and Trade Marks

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एवं प्रकाशन नियंत्रक, दिल्ली इवारा प्रकाशित, 1991

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